

Storm Data and Unusual Weather Phenomena - February 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northwest				
ROCK ISLAND (IL-Z015)				
	02/01/07 00:00 CST	0		Cold/Wind Chill
	02/28/07 23:59 CST	0		
At the Quad City International Airport in Moline Illinois, snowfall totaled 16.6 inches for the month of February 2007. This ranked as the fifth snowiest February on record.				
JO DAVIESS (IL-Z001), STEPHENSON (IL-Z002), CARROLL (IL-Z007), WHITESIDE (IL-Z009), ROCK ISLAND (IL-Z015), HENRY (IL-Z016), BUREAU (IL-Z017), PUTNAM (IL-Z018), MERCER (IL-Z024), HENDERSON (IL-Z025), WARREN (IL-Z026), HANCOCK (IL-Z034), MCDONOUGH (IL-Z035)				
	02/02/07 04:00 CST	0		Extreme Cold/Wind Chill
	02/05/07 16:00 CST	0		
After a warmer than normal December 2006 and January 2007, arctic air finally made an appearance in February. The first week of the month had the coldest February temperatures since 1996. During the period February 2-5, 2007, daytime high temperatures struggled to reach the single digits and teens above zero. Meanwhile, nighttime temperatures dropped to 15 to 20 below near Highway 20, to 5 below south of Highway 34. Wind chill advisories and/or warnings were in effect for much of this time, for dangerous wind chill values of -20 to -40.				
JO DAVIESS (IL-Z001), STEPHENSON (IL-Z002), CARROLL (IL-Z007), WHITESIDE (IL-Z009), ROCK ISLAND (IL-Z015), HENRY (IL-Z016), BUREAU (IL-Z017), PUTNAM (IL-Z018), MERCER (IL-Z024), HENDERSON (IL-Z025), WARREN (IL-Z026), HANCOCK (IL-Z034), MCDONOUGH (IL-Z035)				
	02/06/07 05:15 CST	0		Winter Weather
	02/06/07 18:00 CST	0		
An Alberta Clipper type winter storm tracked from the Dakotas to near St. Louis, Missouri. This system spread accumulating snow of 2 to 5 inches across much of western and northwest Illinois. Isolated 6 inch amounts were also measured in northwest Illinois. An impressive and intense baroclinic zone set up over the region (temperatures were in the single digits in northern Illinois, but in the 60s in southwest Missouri) that contributed to strong forcing. Snow developed quickly from west to east around daybreak on February 6, 2007, continued into the afternoon before tapering to flurries. The snow ended from west to east by evening.				
JO DAVIESS (IL-Z001), STEPHENSON (IL-Z002), CARROLL (IL-Z007), WHITESIDE (IL-Z009)				
	02/11/07 20:50 CST	0		Winter Weather
	02/14/07 04:30 CST	0		
A strong short wave combined with a warm front lifting into northern Iowa and northern Illinois, produced a period of light snow on February 11-12, 2007. Accumulations were mainly in the 2 to 4 inch range in northeast Iowa and northwest Illinois.				
WHITESIDE (IL-Z009), ROCK ISLAND (IL-Z015), HENRY (IL-Z016), BUREAU (IL-Z017), MERCER (IL-Z024), HENDERSON (IL-Z025), WARREN (IL-Z026), HANCOCK (IL-Z034), MCDONOUGH (IL-Z035)				
	02/12/07 22:15 CST	0		Winter Storm
	02/13/07 22:30 CST	0		
JO DAVIESS (IL-Z001), STEPHENSON (IL-Z002), CARROLL (IL-Z007), PUTNAM (IL-Z018)				
	02/13/07 01:00 CST	0		Winter Weather
	02/13/07 19:30 CST	0		
On February 12-13, 2007, low pressure tracked from northwest Arkansas to Kentucky, and produced heavy snow in portions of southeast Iowa and western Illinois, along and south of Interstate 80. Accumulations of 6 to 8 inches were common in this area. North of the interstate, accumulations were 3 to 6 inches. Strong winds gusting to over 40 mph caused considerable blowing and drifting snow, especially in areas where the heaviest snow fell. Some roads were drifted shut or were impassable.				
JO DAVIESS (IL-Z001), STEPHENSON (IL-Z002), CARROLL (IL-Z007), WHITESIDE (IL-Z009), ROCK ISLAND (IL-Z015), HENRY (IL-Z016), BUREAU (IL-Z017), PUTNAM (IL-Z018), MERCER (IL-Z024), HENDERSON (IL-Z025), WARREN (IL-Z026), HANCOCK (IL-Z034), MCDONOUGH (IL-Z035)				
	02/16/07 15:45 CST	0		Winter Weather
	02/17/07 10:00 CST	0		
An Alberta Clipper low pressure system moved rapidly southeast from central North Dakota, to northeast Missouri, and then to near Louisville, Kentucky on February 16-17, 2007. Widespread snow amounts of 1 to 3 inches occurred across eastern Iowa, northwest and western Illinois and extreme northeast Missouri. There were isolated 4 inch amounts in southeast Iowa and northwest Illinois.				
JO DAVIESS (IL-Z001)				

Storm Data and Unusual Weather Phenomena - February 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/23/07 17:50 CST		0	Winter Weather
	02/23/07 19:30 CST		0	

Low pressure developing in the central Plains, spread a swath of freezing rain, snow and sleet across northeast Iowa and extreme northwest Illinois, during the evening of February 23, 2007. This storm system would develop into a major ice storm the next day on February 24.

CARROLL (IL-Z007), WHITESIDE (IL-Z009), ROCK ISLAND (IL-Z015), HENRY (IL-Z016), BUREAU (IL-Z017), PUTNAM (IL-Z018), MERCER (IL-Z024), HENDERSON (IL-Z025), WARREN (IL-Z026), HANCOCK (IL-Z034), MCDONOUGH (IL-Z035)				
	02/24/07 07:45 CST	1	0.97M	Ice Storm
	02/25/07 01:00 CST		0	

JO DAVIESS (IL-Z001), STEPHENSON (IL-Z002)				
	02/24/07 14:00 CST		0	Winter Storm
	02/25/07 02:15 CST		0	

A widespread and crippling ice/snow storm affected eastern Iowa, northwest and western Illinois, and extreme northeast Missouri on February 24, 2007. This massive ice storm was the worst to affect the region since January 22-23, 1965. Ice accumulations of around one inch were common, with some reports to near two inches! To make matters worse, east winds gusting over 50 mph, combined with the heavy ice accumulation, brought down numerous tree branches and power lines, along with several thousand power poles. There were even whole trees crashing down from the weight of the ice. Widespread power outages occurred, affecting over 180,000 people, which lasted more than a week in some of the rural areas. Many shelters were opened to accommodate those without power. In the northern portions of the region in the colder air, snow was the problem. Accumulations of up to 7 inches occurred, with strong winds combining to create blizzard conditions. There was one direct death and one indirect serious injury due to the ice storm in northwest Illinois.

NONE REPORTED

IOWA, East Central and Southeast

DUBUQUE (IA-Z042)				
	02/01/07 00:00 CST		0	Cold/Wind Chill
	02/28/07 23:59 CST		0	

At the Dubuque Iowa Regional Airport, snowfall totaled 20.2 inches for the month of February 2007. This ranked as the third snowiest February on record. The mean temperature for the month was 13.1 degrees, which was 10 degrees below normal. This ranked as the fifth coldest February on record.

BUCHANAN (IA-Z040), DELAWARE (IA-Z041), DUBUQUE (IA-Z042), BENTON (IA-Z051), LINN (IA-Z052), JONES (IA-Z053), JACKSON (IA-Z054), IOWA (IA-Z063), JOHNSON (IA-Z064), CEDAR (IA-Z065), CLINTON (IA-Z066), MUSCATINE (IA-Z067), SCOTT (IA-Z068), KEOKUK (IA-Z076), WASHINGTON (IA-Z077), LOUISA (IA-Z078), JEFFERSON (IA-Z087), HENRY (IA-Z088), DES MOINES (IA-Z089), VAN BUREN (IA-Z098), LEE (IA-Z099)				
	02/02/07 04:00 CST		0	Extreme Cold/Wind Chill
	02/05/07 16:00 CST		0	

After a warmer than normal December 2006 and January 2007, arctic air finally made an appearance in February. The first week of the month had the coldest February temperatures since 1996. During the period February 2-5, 2007, daytime high temperatures struggled to reach the single digits and teens above zero. Meanwhile, nighttime temperatures dropped to 15 to 20 below near Highway 20, to 5 below south of Highway 34. Wind chill advisories and/or warnings were in effect for much of this time, for dangerous wind chill values of -20 to -40.

BUCHANAN (IA-Z040), DELAWARE (IA-Z041), DUBUQUE (IA-Z042), BENTON (IA-Z051), LINN (IA-Z052), JONES (IA-Z053), JACKSON (IA-Z054), IOWA (IA-Z063), JOHNSON (IA-Z064), CEDAR (IA-Z065), CLINTON (IA-Z066), MUSCATINE (IA-Z067), SCOTT (IA-Z068), KEOKUK (IA-Z076), WASHINGTON (IA-Z077), LOUISA (IA-Z078), JEFFERSON (IA-Z087), HENRY (IA-Z088), DES MOINES (IA-Z089), VAN BUREN (IA-Z098), LEE (IA-Z099)				
	02/06/07 04:35 CST		0	Winter Weather
	02/06/07 18:10 CST		0	

An Alberta Clipper type winter storm tracked from the Dakotas to near St. Louis, Missouri. This system spread accumulating snow of 2 to 5 inches across much of eastern Iowa. An impressive and intense baroclinic zone set up over the region (temperatures were in the single digits in eastern Iowa, but in the 60s in southwest Missouri) that contributed to strong forcing. Snow developed quickly from west to east around daybreak on February 6, 2007, continued into the afternoon before tapering to flurries. The snow ended from west to east by evening.

BUCHANAN (IA-Z040), DELAWARE (IA-Z041), DUBUQUE (IA-Z042), JACKSON (IA-Z054), CLINTON (IA-Z066)				
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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/11/07 20:50 CST		0	Winter Weather
	02/12/07 03:15 CST		0	

A strong short wave combined with a warm front lifting into northern Iowa and northern Illinois, produced a period of light snow on February 11-12, 2007. Accumulations were mainly in the 2 to 4 inch range in northeast Iowa and northwest Illinois.

CLINTON (IA-Z066), SCOTT (IA-Z068), WASHINGTON (IA-Z077), LOUISA (IA-Z078), HENRY (IA-Z088), DES MOINES (IA-Z089), VAN BUREN (IA-Z098)				
	02/12/07 22:00 CST		0	Winter Storm
	02/13/07 20:05 CST		0	

BUCHANAN (IA-Z040), DELAWARE (IA-Z041), DUBUQUE (IA-Z042), BENTON (IA-Z051), LINN (IA-Z052), JONES (IA-Z053), JACKSON (IA-Z054), IOWA (IA-Z063), JOHNSON (IA-Z064), CEDAR (IA-Z065), MUSCATINE (IA-Z067), KEOKUK (IA-Z076), JEFFERSON (IA-Z087), LEE (IA-Z099)				
	02/12/07 22:15 CST		0	Winter Weather
	02/13/07 19:00 CST		0	

On February 12-13, 2007, low pressure tracked from northwest Arkansas to Kentucky, and produced heavy snow in portions of southeast Iowa and western Illinois, along and south of Interstate 80. Accumulations of 6 to 8 inches were common in this area. North of the interstate, accumulations were 3 to 6 inches. Strong winds gusting to near 40 mph caused considerable blowing and drifting snow...especially in areas where the heaviest snow fell.

BUCHANAN (IA-Z040), DELAWARE (IA-Z041), DUBUQUE (IA-Z042), BENTON (IA-Z051), LINN (IA-Z052), JONES (IA-Z053), JACKSON (IA-Z054), IOWA (IA-Z063), JOHNSON (IA-Z064), CEDAR (IA-Z065), CLINTON (IA-Z066), MUSCATINE (IA-Z067), SCOTT (IA-Z068), KEOKUK (IA-Z076), WASHINGTON (IA-Z077), LOUISA (IA-Z078), JEFFERSON (IA-Z087), HENRY (IA-Z088), DES MOINES (IA-Z089), VAN BUREN (IA-Z098), LEE (IA-Z099)				
	02/16/07 14:35 CST		0	Winter Weather
	02/17/07 08:45 CST		0	

An Alberta Clipper low pressure system moved rapidly southeast from central North Dakota, to northeast Missouri, and then to near Louisville, Kentucky on February 16-17, 2007. Widespread snow amounts of 1 to 3 inches occurred across eastern Iowa, northwest and western Illinois and extreme northeast Missouri. There were isolated 4 inch amounts in southeast Iowa and northwest Illinois.

DELAWARE (IA-Z041), DUBUQUE (IA-Z042), BENTON (IA-Z051), LINN (IA-Z052)				
	02/23/07 15:30 CST		0	Winter Weather
	02/23/07 20:45 CST		0	

Low pressure developing in the central Plains, spread a swath of freezing rain, snow and sleet across northeast Iowa and extreme northwest Illinois, during the evening of February 23, 2007. This storm system would develop into a major ice storm the next day on February 24.

BENTON (IA-Z051), LINN (IA-Z052), JONES (IA-Z053), JACKSON (IA-Z054), IOWA (IA-Z063), JOHNSON (IA-Z064), CEDAR (IA-Z065), CLINTON (IA-Z066), MUSCATINE (IA-Z067), SCOTT (IA-Z068), KEOKUK (IA-Z076), WASHINGTON (IA-Z077), LOUISA (IA-Z078), JEFFERSON (IA-Z087), HENRY (IA-Z088), DES MOINES (IA-Z089), VAN BUREN (IA-Z098), LEE (IA-Z099)				
	02/24/07 06:00 CST		9.95M	Ice Storm
	02/24/07 23:55 CST		0	

BUCHANAN (IA-Z040), DELAWARE (IA-Z041), DUBUQUE (IA-Z042)				
	02/24/07 06:30 CST		0.78M	Winter Storm
	02/25/07 01:40 CST		0	

A widespread and crippling ice/snow storm affected eastern Iowa, northwest and western Illinois, and extreme northeast Missouri on February 24, 2007. This massive ice storm was the worst to affect the region since January 22-23, 1965. Ice accumulations of around one inch were common, with some reports to near two inches! To make matters worse, east winds gusting over 50 mph, combined with the heavy ice accumulation, brought down numerous tree branches and power lines, along with several thousand power poles. There were even whole trees crashing down from the weight of the ice. Widespread power outages occurred, affecting over 180,000 people, which lasted more than a week in some of the rural areas. Many shelters were opened to accommodate those without power. The governor of Iowa declared much of the state a disaster area, and requested President Bush to declare much of eastern Iowa a federal disaster area. In the northern portions of the region in the colder air, snow was the problem. Accumulations of up to 7 inches occurred, with strong winds combining to create blizzard conditions. Considering the magnitude of the storm, remarkably no direct deaths were reported.

NONE REPORTED

MISSOURI, Northeast

SCOTLAND (MO-Z009), CLARK (MO-Z010)

Storm Data and Unusual Weather Phenomena - February 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/02/07 04:00 CST		0	Extreme Cold/Wind Chill
	02/05/07 16:00 CST		0	

After a warmer than normal December 2006 and January 2007, arctic air finally made an appearance in February. The first week of the month had the coldest February temperatures since 1996. During the period February 2-5, 2007, daytime high temperatures struggled to reach the teens above zero. Meanwhile, nighttime temperatures dropped to 5 below south of Highway 34. Wind chill advisories were in effect for a part of this time, for dangerous wind chill values of -15 to -30.

SCOTLAND (MO-Z009), CLARK (MO-Z010)

02/12/07 21:00 CST	0	Winter Weather
02/13/07 19:00 CST	0	

On February 12-13, 2007, low pressure tracked from northwest Arkansas to Kentucky, and produced heavy snow in portions of southeast Iowa and western Illinois, with accumulations of 6 to 8 inches. In extreme northeast Missouri, 4 to 6 inches were common.

SCOTLAND (MO-Z009), CLARK (MO-Z010)

02/16/07 14:00 CST	0	Winter Weather
02/17/07 08:00 CST	0	

An Alberta Clipper low pressure system moved rapidly southeast from central North Dakota, to northeast Missouri, and then to near Louisville, Kentucky on February 16-17, 2007. Widespread snow amounts of 1 to 3 inches occurred across eastern Iowa, northwest and western Illinois and extreme northeast Missouri.

SCOTLAND (MO-Z009)

02/23/07 06:00 CST	0	Winter Weather
02/23/07 18:00 CST	0	

CLARK (MO-Z010)

02/24/07 06:00 CST	0	Ice Storm
02/24/07 18:00 CST	0	

A widespread and crippling ice/snow storm affected eastern Iowa, northwest and western Illinois, and extreme northeast Missouri on February 24, 2007. This massive ice storm was the worst to affect the region since January 22-23, 1965. Ice accumulations of around one inch were common, with some reports to near two inches! To make matters worse, east winds gusting over 50 mph, combined with the heavy ice accumulation, brought down numerous tree branches and power lines, along with several thousand power poles. There were even whole trees crashing down from the weight of the ice. Widespread power outages occurred, affecting over 180,000 people, which lasted more than a week in some of the rural areas. Many shelters were opened to accommodate those without power. In the northern portions of the region in the colder air, snow was the problem. Accumulations of up to 7 inches occurred, with strong winds combining to create blizzard conditions. Considering the magnitude of the storm, remarkably no direct deaths were reported.

NONE REPORTED